



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 12501719
SAU: MSAD 56
School: Searsport District Middle Scho

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9
Science Results	10-12

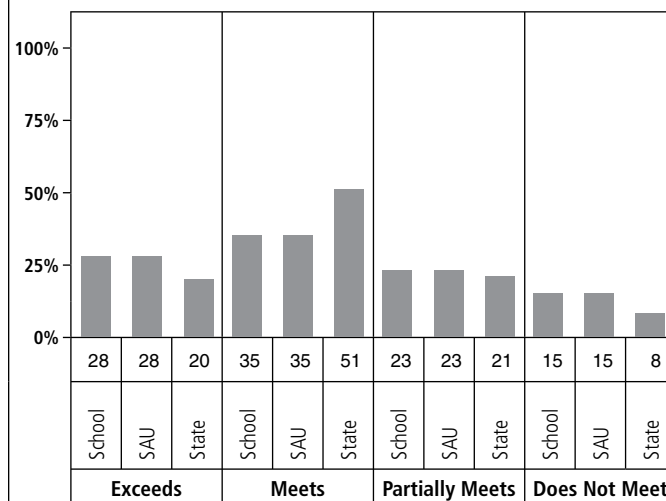
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 56
School: Searsport District Middle Scho

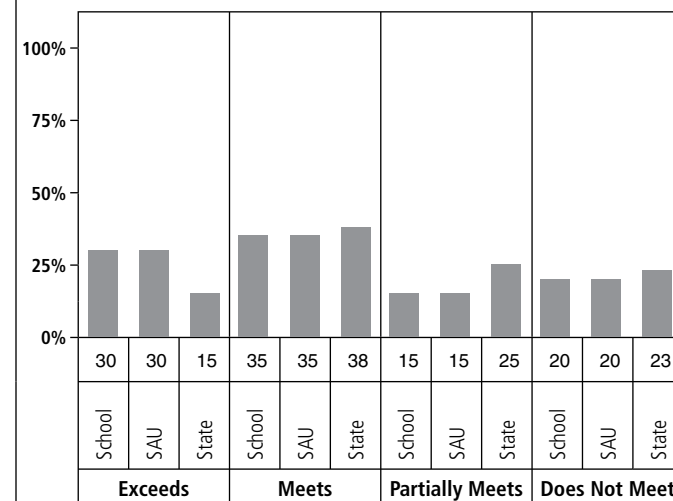
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	843	843	847
2007–2008	840	840	849
2008–2009	847	847	850
Cum. Avg.*	843	843	849
Mathematics			
2006–2007	837	837	842
2007–2008	835	835	841
2008–2009	847	847	843
Cum. Avg.*	839	839	842
Science			
2008–2009 **	847	847	846

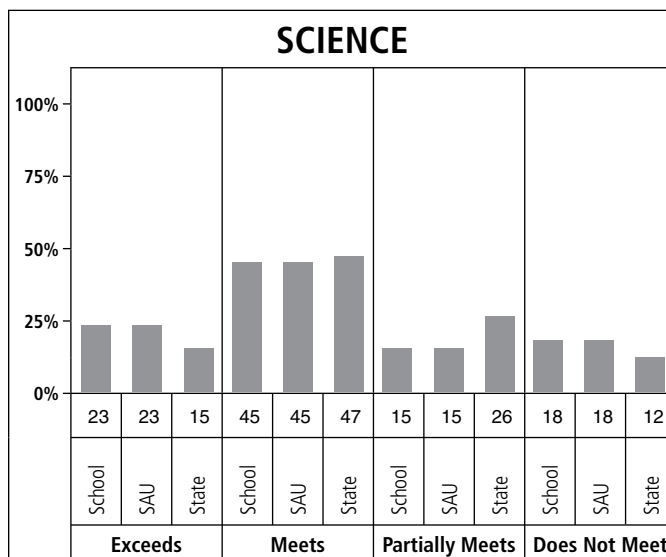
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 8
SAU: MSAD 56
School: Searsport District Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	41	100	41	100	14804	100	40	98	40	98	14659	99	40	98	40	98	14653	99	40	98	40	98	14626	99
Ethnicity African American/Black	1	2	1	2	377	3	1	100	1	100	366	97	1	100	1	100	371	98	1	100	1	100	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	0	0	0	0	238	2	0	0	0	0	232	97	0	0	0	0	234	98	0	0	0	0	234	98
Hispanic	1	2	1	2	192	1	1	100	1	100	188	98	1	100	1	100	191	100	1	100	1	100	190	99
Caucasian/White	39	95	39	95	13878	94	38	97	38	97	13756	99	38	97	38	97	13742	99	38	97	38	97	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	12	29	12	29	2489	17	11	92	11	92	2434	99	11	92	11	92	2424	98	11	92	11	92	2418	98
Current LEP	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
Economically disadvantaged	27	66	27	66	5460	37	26	96	26	96	5380	99	26	96	26	96	5377	99	26	96	26	96	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	29	71	29	71	12132	82	28	68	28	68	12124	82	29	71	29	71	12169	82
Identified disability (PET/IEP)	0	0	0	0	379	3	0	0	0	0	380	3	0	0	0	0	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
Participation with accommodations	11	27	11	27	2349	16	12	29	12	29	2347	16	11	27	11	27	2288	15
Identified disability (PET/IEP)	11	100	11	100	1877	80	11	92	11	92	1862	79	11	100	11	100	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	0	0	0	0	292	12	1	8	1	8	297	13	0	0	0	0	280	12
Participation through alternate assessment (PAAP)	0	0	0	0	178	1	0	0	0	0	182	1	0	0	0	0	169	1
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	182	100	0	0	0	0	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
Non-participation – other	1	2	1	2	113	1	1	2	1	2	117	1	1	2	1	2	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 56
School: Searsport District Middle Scho

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	6	9	6	9	2407	16
	2007-2008	6	12	6	12	3428	23
	2008-2009	11	28	11	28	2857	20
	Cum. Total*	23	15	23	15	8692	19
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	30	47	30	47	7494	49
	2007-2008	16	31	16	31	7179	48
	2008-2009	14	35	14	35	7431	51
	Cum. Total*	60	39	60	39	22104	49
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	15	23	15	23	3628	24
	2007-2008	15	29	15	29	2706	18
	2008-2009	9	23	9	23	2979	21
	Cum. Total*	39	25	39	25	9313	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	13	20	13	20	1810	12
	2007-2008	14	27	14	27	1611	11
	2008-2009	6	15	6	15	1214	8
	Cum. Total*	33	21	33	21	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	33.5	59.8	33.5	59.8	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.1	55.5	11.1	55.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	22.4	62.2	22.4	62.2	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 56
 School: Searsport District Middle Scho

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	40	11	28	14	35	9	23	6	15	847	40	28	35	23	15	847	14481	20	51	21	8	850
Ethnicity																						
African American/Black	1										1						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	0										0						231	28	43	19	10	851
Hispanic	1										1						186	17	48	23	12	847
Caucasian/White	38	11	29	14	37	8	21	5	13	848	38	29	37	21	13	848	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	11	0	0	0	0	5	45	6	55	823	11	0	0	45	55	823	2256	2	25	40	34	834
No	29	11	38	14	48	4	14	0	0	856	29	38	48	14	0	856	12225	23	56	17	4	853
Current LEP																						
Yes	0										0						324	5	34	36	26	838
No	40	11	28	14	35	9	23	6	15	847	40	28	35	23	15	847	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	26	5	19	8	31	7	27	6	23	840	26	19	31	27	23	840	5277	10	46	29	15	844
No	14	6	43	6	43	2	14	0	0	859	14	43	43	14	0	859	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	40	11	28	14	35	9	23	6	15	847	40	28	35	23	15	847	14476	20	51	21	8	850
Gender																						
Female	12	4	33	4	33	4	33	0	0	852	12	33	33	33	0	852	7074	25	51	18	6	852
Male	28	7	25	10	36	5	18	6	21	845	28	25	36	18	21	845	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	9	43	35	14	843
No	40	11	28	14	35	9	23	6	15	847	40	28	35	23	15	847	13624	20	52	20	8	850
Gifted/talented program																						
Yes	1										1						700	69	30	1	0	867
No	39	10	26	14	36	9	23	6	15	846	39	26	36	23	15	846	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 56
School: Searsport District Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	15	0	0	1	17	2	33	3	50	825	15	0	17	33	50	825	8	8	39	29	24	841
B. less than one hour	68	11	41	9	33	4	15	3	11	853	68	41	33	15	11	853	51	17	53	22	8	849
C. one to two hours	18	0	0	4	57	3	43	0	0	843	18	0	57	43	0	843	36	24	52	18	5	852
D. more than two hours	0										0						5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	30	7	58	4	33	1	8	0	0	860	30	58	33	8	0	860	31	35	50	11	4	856
B. good	30	3	25	6	50	2	17	1	8	853	30	25	50	17	8	853	47	16	55	21	7	849
C. fair	25	1	10	4	40	3	30	2	20	839	25	10	40	30	20	839	18	5	47	33	15	842
D. poor	15	0	0	0	0	3	50	3	50	822	15	0	0	50	50	822	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	35	4	29	4	29	3	21	3	21	847	35	29	29	21	21	847	32	27	54	14	5	853
B. They match some of what I have learned.	43	6	35	8	47	3	18	0	0	854	43	35	47	18	0	854	52	18	53	22	8	850
C. They match just a little of what I have learned.	8	1	33	0	0	1	33	1	33	846	8	33	0	33	33	846	12	11	45	29	15	844
D. There is no match.	15	0	0	2	33	2	33	2	33	827	15	0	33	33	33	827	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	30	3	25	3	25	4	33	2	17	842	30	25	25	33	17	842	15	13	42	28	17	844
B. about the same as my regular schoolwork	58	8	35	8	35	3	13	4	17	850	58	35	35	13	17	850	64	19	53	20	7	850
C. easier than my regular schoolwork	13	0	0	3	60	2	40	0	0	846	13	0	60	40	0	846	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	15	0	0	1	17	2	33	3	50	823	15	0	17	33	50	823	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	49	5	26	7	37	4	21	3	16	847	49	26	37	21	16	847	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	36	6	43	6	43	2	14	0	0	857	36	43	43	14	0	857	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	50	6	30	6	30	4	20	4	20	845	50	30	30	20	20	845	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	48	5	26	7	37	5	26	2	11	849	48	26	37	26	11	849	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	1	100	0	0	0	0	846	3	0	100	0	0	846	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	15	4	67	2	33	0	0	0	0	867	15	67	33	0	0	867	19	26	53	15	6	853
B. 20 minutes to an hour	40	2	13	7	44	5	31	2	13	845	40	13	44	31	13	845	40	25	52	17	6	852
C. less than 20 minutes	18	1	14	3	43	2	29	1	14	844	18	14	43	29	14	844	15	18	51	21	10	849
D. I rarely read at home.	28	4	36	2	18	2	18	3	27	841	28	36	18	18	27	841	26	7	50	30	13	844
How do you feel about the following statement?																						
"My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	45	3	17	9	50	3	17	3	17	845	45	17	50	17	17	845	42	27	51	15	6	853
B. agree	50	8	40	4	20	5	25	3	15	848	50	40	20	25	15	848	50	15	53	23	9	848
C. disagree	0										0						7	8	46	32	14	843
D. strongly disagree	5	0	0	1	50	1	50	0	0	844	5	0	50	50	0	844	2	6	39	35	21	840
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	1	50	1	50	821	100	0	0	50	50	821						
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 56
School: Searsport District Middle Scho

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	3	5	3	5	1952	13
	2007-2008	2	4	2	4	1657	11
	2008-2009	12	30	12	30	2116	15
	Cum. Total*	17	11	17	11	5725	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	26	41	26	41	5870	38
	2007-2008	15	29	15	29	5956	40
	2008-2009	14	35	14	35	5443	38
	Cum. Total*	55	35	55	35	17269	39
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	16	25	16	25	3982	26
	2007-2008	18	35	18	35	3729	25
	2008-2009	6	15	6	15	3556	25
	Cum. Total*	40	26	40	26	11267	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	19	30	19	30	3534	23
	2007-2008	16	31	16	31	3579	24
	2008-2009	8	20	8	20	3356	23
	Cum. Total*	43	28	43	28	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	31.6	56.4	31.6	56.4	28.6	51.1
A. Number	8	14	4.2	52.5	4.2	52.5	3.7	46.3
B. Data	16	29	10.1	63.1	10.1	63.1	8.9	55.6
C. Geometry	12	21	6.0	50.0	6.0	50.0	5.0	41.7
D. Algebra	20	36	11.4	57.0	11.4	57.0	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 56
 School: Searsport District Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	40	12	30	14	35	6	15	8	20	847	40	30	35	15	20	847	14471	15	38	25	23	843
Ethnicity																						
African American/Black	1										1						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	0										0						233	27	33	20	21	847
Hispanic	1										1						190	8	31	26	34	836
Caucasian/White	38	12	32	14	37	6	16	6	16	849	38	32	37	16	16	849	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	11	0	0	2	18	2	18	7	64	822	11	0	18	18	64	822	2242	2	12	22	63	824
No	29	12	41	12	41	4	14	1	3	856	29	41	41	14	3	856	12229	17	42	25	16	846
Current LEP																						
Yes	0										0						336	6	18	26	51	829
No	40	12	30	14	35	6	15	8	20	847	40	30	35	15	20	847	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	26	4	15	9	35	6	23	7	27	839	26	15	35	23	27	839	5270	6	30	28	36	835
No	14	8	57	5	36	0	0	1	7	860	14	57	36	0	7	860	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	40	12	30	14	35	6	15	8	20	847	40	30	35	15	20	847	14466	15	38	25	23	843
Gender																						
Female	12	4	33	5	42	0	0	3	25	852	12	33	42	0	25	852	7070	15	39	25	22	843
Male	28	8	29	9	32	6	21	5	18	844	28	29	32	21	18	844	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	5	25	33	37	835
No	40	12	30	14	35	6	15	8	20	847	40	30	35	15	20	847	13614	15	38	24	22	843
Gifted/talented program																						
Yes	1										1						700	68	27	3	1	866
No	39	11	28	14	36	6	15	8	21	846	39	28	36	15	21	846	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 56
School: Searsport District Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights?																						
A. none	15	0	0	1	17	2	33	3	50	820	15	0	17	33	50	820	8	8	24	24	44	833
B. less than one hour	68	11	41	9	33	3	11	4	15	853	68	41	33	11	15	853	51	12	38	26	23	842
C. one to two hours	18	1	14	4	57	1	14	1	14	846	18	14	57	14	14	846	36	19	40	23	19	845
D. more than two hours	0										0						5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	26	4	40	3	30	1	10	2	20	850	26	40	30	10	20	850	28	33	41	15	11	852
B. good	61	8	35	9	39	3	13	3	13	851	61	35	39	13	13	851	45	11	43	25	21	842
C. fair	11	0	0	1	25	1	25	2	50	828	11	0	25	25	50	828	21	3	27	35	35	834
D. poor	3	0	0	0	0	1	100	0	0	830	3	0	0	100	0	830	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	43	5	29	7	41	4	24	1	6	852	43	29	41	24	6	852	28	23	41	21	15	848
B. They match some of what I have learned.	40	6	38	6	38	0	0	4	25	850	40	38	38	0	25	850	52	13	40	25	21	843
C. They match just a little of what I have learned.	13	1	20	1	20	2	40	1	20	836	13	20	20	40	20	836	16	8	28	30	34	836
D. There is no match.	5	0	0	0	0	0	0	2	100	800	5	0	0	0	100	800	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	30	2	17	3	25	3	25	4	33	833	30	17	25	25	33	833	32	6	34	29	32	837
B. about the same as my regular schoolwork	68	9	33	11	41	3	11	4	15	852	68	33	41	11	15	852	52	13	41	25	20	843
C. easier than my regular schoolwork	3	1	100	0	0	0	0	0	0	862	3	100	0	0	0	862	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	54	5	24	7	33	4	19	5	24	844	54	24	33	19	24	844	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	44	7	41	7	41	1	6	2	12	853	44	41	41	6	12	853	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	0	0	1	100	0	0	830	3	0	0	100	0	830	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	55	6	27	10	45	3	14	3	14	850	55	27	45	14	14	850	34	18	40	22	20	845
B. two or three days a week	30	6	50	3	25	2	17	1	8	856	30	50	25	17	8	856	35	14	38	26	21	843
C. two or three times each month	10	0	0	1	25	0	0	3	75	813	10	0	25	0	75	813	18	12	37	27	24	841
D. never or almost never	5	0	0	0	0	1	50	1	50	822	5	0	0	50	50	822	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	30	4	33	4	33	1	8	3	25	845	30	33	33	8	25	845	9	13	38	23	26	841
B. two or three days a week	20	2	25	4	50	1	13	1	13	848	20	25	50	13	13	848	17	11	37	26	26	841
C. two or three times each month	23	2	22	3	33	2	22	2	22	847	23	22	33	22	22	847	28	15	40	25	20	844
D. never or almost never	28	4	36	3	27	2	18	2	18	848	28	36	27	18	18	848	46	16	36	24	23	843
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	55	8	36	7	32	4	18	3	14	850	55	36	32	18	14	850	52	19	41	22	18	846
B. agree	28	3	27	5	45	1	9	2	18	849	28	27	45	9	18	849	39	11	35	27	27	840
C. disagree	13	1	20	1	20	0	0	3	60	829	13	20	20	0	60	829	6	7	28	26	39	835
D. strongly disagree	5	0	0	1	50	1	50	0	0	837	5	0	50	50	0	837	3	4	25	28	43	832
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	1	50	1	50	815	100	0	0	50	50	815						
C.	0										0											
D.	0										0											

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 56
School: Searsport District Middle Scho

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	9	23	9	23	2155	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	18	45	18	45	6687	47
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	6	15	6	15	3672	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	7	18	7	18	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	32.5	58.0	32.5	58.0	32.0	57.1
D. The Physical Setting	31	55	17.0	54.8	17.0	54.8	17.1	55.2
D1/D2 Earth/Space	17	30	9.0	52.9	9.0	52.9	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	8.0	57.1	8.0	57.1	7.7	55.0
E. The Living Environment	25	45	15.5	62.0	15.5	62.0	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 56
School: Searsport District Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	40	9	23	18	45	6	15	7	18	847	40	23	45	15	18	847	14263	15	47	26	12	846
Ethnicity																						
African American/Black	1										1						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	0										0						230	20	44	23	13	848
Hispanic	1										1						184	9	45	29	16	842
Caucasian/White	38	9	24	17	45	5	13	7	18	847	38	24	45	13	18	847	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	11	0	0	3	27	2	18	6	55	829	11	0	27	18	55	829	2221	3	22	36	38	832
No	29	9	31	15	52	4	14	1	3	853	29	31	52	14	3	853	12042	17	51	24	7	848
Current LEP																						
Yes	0										0						331	4	20	39	37	832
No	40	9	23	18	45	6	15	7	18	847	40	23	45	15	18	847	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	26	4	15	11	42	5	19	6	23	842	26	15	42	19	23	842	5184	6	40	33	21	840
No	14	5	36	7	50	1	7	1	7	856	14	36	50	7	7	856	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	40	9	23	18	45	6	15	7	18	847	40	23	45	15	18	847	14258	15	47	26	12	846
Gender																						
Female	12	3	25	3	25	4	33	2	17	847	12	25	25	33	17	847	6953	14	47	28	11	846
Male	28	6	21	15	54	2	7	5	18	847	28	21	54	7	18	847	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						828	5	35	40	20	839
No	40	9	23	18	45	6	15	7	18	847	40	23	45	15	18	847	13435	16	48	25	12	846
Gifted/talented program																						
Yes	1										1						699	65	34	2	0	865
No	39	8	21	18	46	6	15	7	18	846	39	21	46	15	18	846	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 56
School: Searsport District Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	15	0	0	3	50	1	17	2	33	835	15	0	50	17	33	835	8	8	34	28	30	837
B. less than one hour	68	9	33	11	41	4	15	3	11	851	68	33	41	15	11	851	51	14	48	27	11	846
C. one to two hours	18	0	0	4	57	1	14	2	29	840	18	0	57	14	29	840	36	19	48	24	9	848
D. more than two hours	0										0						5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	30	4	33	7	58	0	0	1	8	854	30	33	58	0	8	854	23	27	47	17	8	851
B. good	53	4	19	8	38	4	19	5	24	843	53	19	38	19	24	843	53	15	50	26	10	847
C. fair	15	1	17	3	50	1	17	1	17	848	15	17	50	17	17	848	20	4	43	35	18	840
D. poor	3	0	0	0	0	1	100	0	0	834	3	0	0	100	0	834	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	33	3	23	8	62	2	15	0	0	853	33	23	62	15	0	853	26	20	49	23	9	849
B. They match some of what I have learned.	53	5	24	7	33	4	19	5	24	844	53	24	33	19	24	844	51	14	48	26	11	846
C. They match just a little of what I have learned.	15	1	17	3	50	0	0	2	33	846	15	17	50	0	33	846	18	13	44	28	15	844
D. There is no match.	0										0						4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	25	2	20	4	40	2	20	2	20	845	25	20	40	20	20	845	32	13	45	28	14	844
B. about the same as my regular schoolwork	68	6	22	13	48	4	15	4	15	847	68	22	48	15	15	847	56	15	49	25	11	847
C. easier than my regular schoolwork	8	1	33	1	33	0	0	1	33	849	8	33	33	0	33	849	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	62	5	21	13	54	3	13	3	13	847	62	21	54	13	13	847	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	38	4	27	5	33	2	13	4	27	847	38	27	33	13	27	847	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	0										0						6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	18	1	14	3	43	1	14	2	29	841	18	14	43	14	29	841	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	8	2	67	1	33	0	0	0	0	861	8	67	33	0	0	861	23	17	49	22	12	847
C. the course(s) described in B, plus physics	33	3	23	7	54	1	8	2	15	852	33	23	54	8	15	852	21	31	44	17	7	852
D. a life science and physical science class	41	2	13	7	44	4	25	3	19	841	41	13	44	25	19	841	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	33	4	31	5	38	2	15	2	15	849	33	31	38	15	15	849	27	23	47	20	10	849
B. agree	38	4	27	5	33	2	13	4	27	846	38	27	33	13	27	846	37	14	47	27	12	846
C. disagree	8	0	0	2	67	0	0	1	33	840	8	0	67	0	33	840	25	11	48	29	12	845
D. strongly disagree	23	1	11	6	67	2	22	0	0	846	23	11	67	22	0	846	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	35	4	29	6	43	2	14	2	14	847	35	29	43	14	14	847	31	22	46	22	10	849
B. agree	43	3	18	10	59	2	12	2	12	849	43	18	59	12	12	849	50	14	49	26	11	846
C. disagree	23	2	22	2	22	2	22	3	33	842	23	22	22	22	33	842	14	9	45	31	15	843
D. strongly disagree	0										0						5	3	38	34	25	837
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	1	50	1	50	825	100	0	0	50	50	825						
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number